

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052108

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/30 H04H9/00 H04H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H04Q H04N H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/169879 A1 (AKINS, GLENDON L ET AL) 11 September 2003 (2003-09-11)	1-4, 6-10, 15-19, 21,22
Y	paragraphs '0015! - '0056!, '0067! - '0084!, '0311!, '0324!; figures 1-3 -----	5,11-14, 20
Y	EP 1 286 561 A (TELEFONAKTIEBOLAGET L M ERICSSON) 26 February 2003 (2003-02-26) paragraphs '0024! - '0030!; figure 2 -----	5,11,13
Y	WO 03/032662 A (QUALCOMM, INCORPORATED) 17 April 2003 (2003-04-17) paragraphs '0032! - '0054! -----	12,13
Y	GB 2 378 094 A (* VODAFONE GROUP PLC) 29 January 2003 (2003-01-29) abstract; figure 1 -----	14,20
	-/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

21/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 2002/089960 A1 (SHUSTER GARY STEPHEN) 11 July 2002 (2002-07-11) abstract	1-22
A	FR 2 833 133 A (ORANGE FRANCE SA) 6 June 2003 (2003-06-06) abstract	1-22

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052108

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003169879	A1	11-09-2003	US	6560340 B1	06-05-2003
			US	6005938 A	21-12-1999
			US	5870474 A	09-02-1999
			US	5742677 A	21-04-1998
			US	2005001541 A1	06-01-2005
			AU	8679898 A	22-02-1999
			BR	9810966 A	20-11-2001
			EP	1189438 A2	20-03-2002
			EP	1010325 A1	21-06-2000
			JP	2003522425 T	22-07-2003
			WO	9907147 A1	11-02-1999
			AU	8759798 A	22-02-1999
			BR	9815600 A	29-06-2004
			DE	69802694 D1	10-01-2002
			DE	69802694 T2	01-08-2002
			EP	1000510 A1	17-05-2000
			JP	2001512935 T	28-08-2001
			WO	9907151 A1	11-02-1999
			US	6157719 A	05-12-2000
			US	2003074565 A1	17-04-2003
			US	6424717 B1	23-07-2002
			US	6292568 B1	18-09-2001
			US	6246767 B1	12-06-2001
			US	6252964 B1	26-06-2001
			US	2004003008 A1	01-01-2004
			US	2004107350 A1	03-06-2004
			US	2004139337 A1	15-07-2004
			US	2004136532 A1	15-07-2004
			US	2001001014 A1	10-05-2001
			US	2001046299 A1	29-11-2001
			US	2002044658 A1	18-04-2002
			US	2001053226 A1	20-12-2001
			DE	69719803 D1	17-04-2003
			DE	69719803 T2	30-10-2003
			EP	0950319 A1	20-10-1999
			WO	9827732 A1	25-06-1998
			US	6105134 A	15-08-2000
			AU	7009896 A	28-07-1997
			CA	2237293 A1	10-07-1997
			DE	872077 T1	06-05-1999
			EP	0872077 A1	21-10-1998
			ES	2123479 T1	16-01-1999
			JP	2000502857 T	07-03-2000
			WO	9724832 A1	10-07-1997
			US	2002094084 A1	18-07-2002
			AU	1581699 A	08-03-1999
			AU	8670598 A	22-02-1999
			AU	8679798 A	22-02-1999
			AU	8764298 A	22-02-1999
			AU	8823398 A	22-02-1999
EP 1286561	A	26-02-2003	US	2003040313 A1	27-02-2003
			EP	1286561 A1	26-02-2003
WO 03032662	A	17-04-2003	US	2003069692 A1	10-04-2003
			CA	2463543 A1	17-04-2003
			EP	1435184 A2	07-07-2004
			WO	03032662 A2	17-04-2003

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052108

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03032662 A		US 2005070305 A1	31-03-2005
GB 2378094 A	29-01-2003	EP 1413160 A1	28-04-2004
		EP 1413161 A1	28-04-2004
		EP 1413162 A1	28-04-2004
		GB 2378095 A ,B	29-01-2003
		GB 2378096 A	29-01-2003
		GB 2378097 A ,B	29-01-2003
		WO 03013172 A1	13-02-2003
		WO 03013173 A1	13-02-2003
		WO 03013174 A1	13-02-2003
		GB 2378098 A ,B	29-01-2003
US 2002089960 A1	11-07-2002	NONE	
FR 2833133 A	06-06-2003	FR 2833133 A1	06-06-2003
		AU 2002365324 A1	10-06-2003
		EP 1459588 A1	22-09-2004
		WO 03047295 A1	05-06-2003